



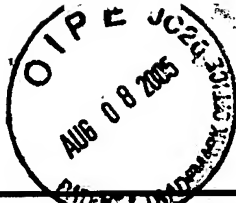
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		10/714,465
		November 14, 2003
		First Named Inventor Jinquan Dai
		Art Unit 2155
Total Number of Pages in This Submission 7		Examiner Name
		Attorney Docket Number 42P17829

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return receipt postcard</div>
Remarks Refs. Encl.: 5 Other Art Documents and copy of ISR		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Joseph Lutz, Reg. No. 43,765 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>Handwritten signature</i>
Date	August 04, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Marilyn Bass		
Signature	<i>Handwritten signature</i>	Date	08-04-05



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/714,465
Filing Date	November 14, 2003
First Named Inventor	Jinquan Dai
Examiner Name	
Art Unit	2155
Attorney Docket No.	42P17829

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☐ Credit any overpayments

## FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051		2051		Surcharge - late filing fee or oath	
1052		2052		Surcharge - late provisional filing fee or cover sheet.	
2053		2053		Non-English specification	
1251		2251		Extension for reply within first month	
1252		2252		Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807		1807		Processing fee under 37 CFR 1.17(q)	
1806		1806		Submission of Information Disclosure Stmt	
1809		1809		Filing a submission after final rejection (37 CFR § 1.129(a))	
1810		2810		For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____					
SUBTOTAL (2) (\$)					

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Joseph Lutz	Registration No. (Attorney/Agent)	43,765	Telephone	(310) 207-3800
Signature				Date	08-04-05



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

JINQUAN DAI, ET AL.

Application No.: 10/714,465

Filed: November 14, 2003

For: **An Apparatus and Method for  
Automatically Parallelizing Network  
Applications Through Pipelining  
Transformation**

Art Group: 2155

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The references were cited in a Search Report dated July 7, 2005 (copy enclosed herewith) in a counterpart PCT application, which was forwarded to Applicant's Representative in a communication dated July 19, 2005.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

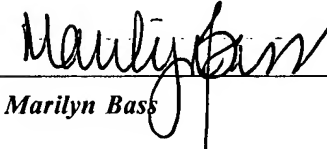
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: Aug. 04, 2005

  
Joseph Lutz, Reg. No. 43,765

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Los Angeles, CA 90025  
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Marilyn Bass

08-04-05  
Date

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/714,465
Filing Date	November 14, 2003
First Named Inventor	Jinquan Dai
Art Unit	2155
Examiner Name	
Attorney Docket Number	42P17829

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]Examiner  
Signature

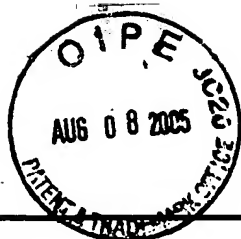
Date	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/714,465
Filing Date	November 14, 2003
First Named Inventor	Jinquan Dai
Art Unit	2155
Examiner Name	
Attorney Docket Number	42P17829

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		INTEL, "Introduction to the Auto-Partitioning Programming Model" White Paper 'Online! October 2003 (2003-10), pp. 1-10, XP002333777	
		Rakhamatov, D. N. et al., "Hardware-Software Partitioning for Dynamically Reconfigurable Systems", Proc. of the 10th Int'l Sympn. on Hardware/Software Codesign Codes, May 2002, pp. 145-150, XP002333778	
		Liu, H., et al., "Network flow based circuit partitioning for time-multiplexed FPGAs", 1998 IEEE/ACM Int'l Conf. on Computer-Aided Design, NY, NY, 1998, pp. 497-504, XP002333779	
		Lakshmanamurthy, S., et al., "Network Processor Performance Analysis Methodology", Intel Tech. J., vol. 6, no. 3, 08/15/02, pp. 19-28, XP002333775	
		Dai, J., et al. "Automatically Partitioning Packet Processing Applications for Pipelined Architectures", Proc. of ACM Sigplan 2005, June 2005, pp. 237-247, XP002333780	

Examiner Signature	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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